Wireless Fitting Kit for the Laser Star

Cheetah

Warranty & Support

Warranty Registration
Register online at ***www.SpeedCheetah.com***

Limited Warranty
Cheetah Advanced Technologies Ltd. warrant our products against all defects in materials and workmanship for a period of **one year** from the date of the original purchase. Full warranty terms and conditions available online at:
www.SpeedCheetah.com

Service & Support
If for any reason your Cheetah product develops a fault, please check our Customer Service page on:

USA & Canada - visit ***www.GPSdetector.com***

Europe & Rest of World - visit ***www.SpeedCheetah.com***

If any problems persist, or to arrange a product return, please email ***support@SpeedCheetah.com***

Cheetah Advanced Technologies Ltd. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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1. Welcome

Thank you for purchasing this Wireless Fitting Kit for your laser jammer system.

Our unique LASERnode transmitter makes your jammer wireless so you can instal and power it directly in the engine bay, without any tricky hardwiring, difficult cable runs or drilling holes in the engine firewall or dashboard.

I'm sure it will save you a lot of time and hassle.

Your sincerely,

Al Smith, Director, Cheetah Advanced Technologies Ltd.

2. Pack Contents

Engine bay Components
1 x In-line fuse unit (3 Amp)
1 x POWERSENSEnode engine running sensor
1 x STEALTHnode remote controlled relay switch
1 x LASERnode wireless transmitter
1 x Cheetah connector cable for the Laser Star

Inside the car
1 x AUDIOnode in-car warning unit
1 x Power cord
1 x Keyfob remote controller
1 x User manual

3. Overview of main components

Cheetah parts are pre-connected for your convenience. Our 2-pin mini connectors push-fit together and lock securely. Unclip them by pressing the lever down and gently pulling apart.

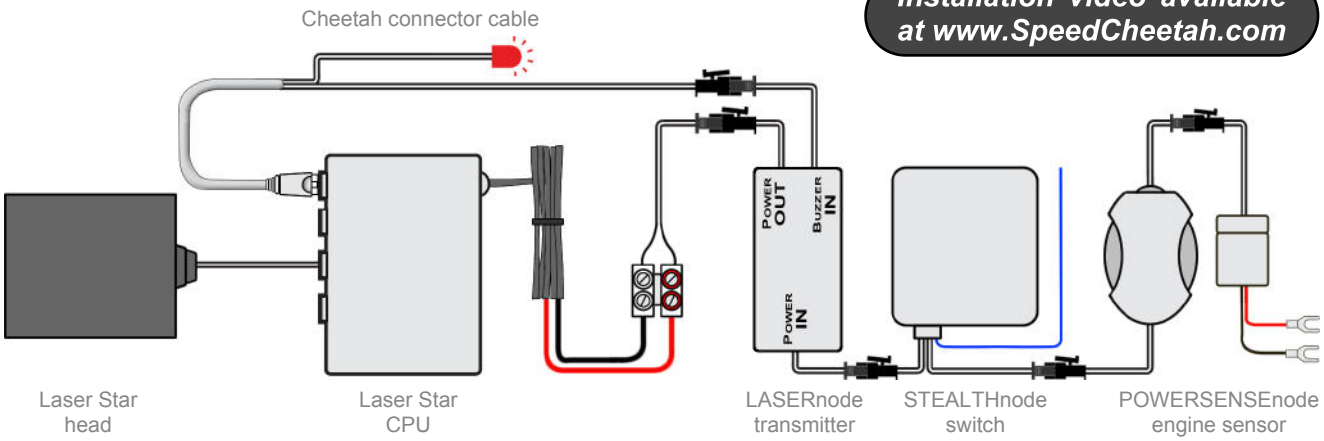
3.1 POWERSENSEnode - a clever "engine running" sensor that turns on power when you start the car & turns it off when you stop the engine. It's an ignition switched supply without hardwiring.

3.2 STEALTHnode - a remote controlled switch that is de-activated by the keyfob kill switch. It's default setting is ON.

3.3 LASERnode - a wireless transmitter (433 Mhz) that sends a signal to the in-car warning unit whenever your jammer alerts. The small flying lead with half a bullet connector at the end (plastic sheathed) is an over-ride cable for connecting to a Cheetah Radar Detector Interface in motorcycle installations.

Cheetah Wireless Fitting Kit

Installation video available at www.SpeedCheetah.com



4. Installing the jammer in the engine bay

41 Decide on a safe location to mount the Cheetah components and Laser Star CPU. We suggest high up to the side of the engine bay, as close to the windshield and as far away from the engine as possible. The LASERnode is weatherproof, Laser Star CPU is not.

4.2 When routing your cables, remember to secure them with the cable ties provided in the original jammer system. Cables must not come into contact with any engine part that generates high heat, e.g. the radiator, exhaust system or engine block.

4.3 Attach the in-line fuse unit to the car battery terminals. RED is positive, BLACK is negative. There is no need to remove the leads from the battery. Just loosen the nut on the clamp, slide in the spade terminal, and re-tighten the nut.

4.4 Some cars do not have the battery in the engine bay. If your car has "jump start" points in the engine, just connect the POWERSENSEnode to them and it should function properly.

IMPORTANT: If you have to hardwire power from a fused, ignition switched supply you must remove the POWERSENSEnode and connect the fuse pack directly to the LASERnode.

4.5 The fuse unit connects to 1) the POWERSENSEnode, then 2) the STEALTHnode and 3) the LASERnode, which uses 4) the Cheetah connector cable to connect to your jammer in two places:
- **the audio output** - to digitally analyze jammer alert tones,
- **the power socket** - to sense voltage changes during alerts.

Using BOTH the Power OUT and Buzzer IN connectors on the LASERnode is essential.

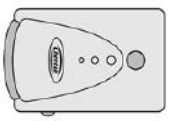
4.6 Install the jammer head(s) as described in their manual. Run their cables safely back to the CPU and plug them in.

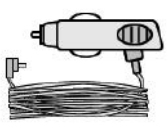
5. Inside the car

Jam, slow down, then switch off.
DON'T JAM ALL THE WAY TO THE LASER GUN!
When you shut off the jammer, police laser is able to record your speed again. **Let it!**

5.1 In-car warning unit

The AUDIOnode can be placed anywhere you like inside the car provided is can receive the wireless link. It does not need to be placed on the dashboard like a radar detector. A long power cable is supplied which plugs into the cigar lighter socket. Please ensure that the stowing of the power cord does not interfere with the normal operation of the vehicle's systems in any way.





5.2 Keyfob kill switch

The keyfob can be placed anywhere you like inside the car provided its transmissions can reach the STEALTHnode switch. For convenience, we recommend using the Velcro square to mount it within easy reach on your dash.

6. Using your wireless jammer

6.1 Switching ON your system

The jammer assembly in the engine bay and the in-car warning unit operate independently. The power cord for the in-car warning unit has a sliding ON/OFF switch. When you switch it on, two beeps will sound and the red LED will illuminate. This only means that the in-car warning unit is receiving power. It does not mean the Laser Star is on.

Your jammer system will only power up when you start the engine. When the LASERnode transmitter is first switched on, it sends out a "Communication Check" signal (CC signal) to the in-car warning unit, making it illuminate its green wireless link LED and give another single beep. This shows the system is operating normally, and the wireless connection is established.

6.2 Receiving a jammer alert

The in-car warning unit will beep and flash all three LEDs whenever it receives the wireless alerts sent out by the LASERnode transmitter. These alerts will last for the same amount of time as the original piezo buzzer would have sounded for.

6.3 Switching OFF your system

The in-car warning unit can be switched off at the cigar light plug, or by disconnecting the power cord.

THE KEYFOB CAN BE USED TO TURN THE LASER SYSTEM OFF AND ON WHENEVER THE ENGINE IS RUNNING.

When you switch off your engine, power to the LASERnode transmitter and the jammer is automatically cut off, so you won't get a flat battery. Please note that when you switch the Laser Star off, either automatically with the engine or manually using the keyfob, the green wireless link LED on the in-car unit will not switch off immediately. The display unit will switch off its green LED only after it fails to receive 2 missed CC signals. Please visit the Customer Service > Wireless Fitting Kit FAQs section of ***www.SpeedCheetah.com*** for more information on this point.

USER TIP: The Cheetah connector cable has a status LED that operates in the same way as the LED of the original jammer system. This is useful for confirming the jammer and kill switch are working correctly. It can even be mounted outside the base of the windshield as a secondary warning confirmation.

USER TIP 2: Please note that the gold button is NOT a test button or a Wireless Link button. It is not used in Wireless Fitting Kits at all. It's only used to swap user modes and control band filtering on a radar detector which not sold outside the UK.